

**! SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Name of product**

Adhesive Spray -extra strong

Code-Nr. 118010

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Recommended intended purpose(s)**

Technical Aerosols

**1.3. Details of the supplier of the safety data sheet****Distributor**

WEICON GmbH &amp; Co. KG

Königsberger Str. 255, DE-48157 Münster

Phone +49(0)251 / 9322 - 0, Fax +49(0)251 / 9322 - 244

E-Mail : msds@weicon.de

Internet : www.weicon.de

**Advice**

Produktsicherheit / Product-Safety-Department

Phone +49(0)251 / 9322 - 0

E-mail (competent person):

msds@weicon.de

**1.4. Emergency telephone number**

EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel:

++44 1865 407333 (English)

TRANSPORT EMERGENCY CONTACT - UK, UAE, South

Africa (24h): Tel: ++44 1865 407333 (English)

**Manufacturer**

WEICON GmbH &amp; Co. KG

Königsberger Str. 255, DE-48157 Münster

**1.4. Emergency telephone number**

GIFTNOTRUF/TRANSPORTNOTRUF - Deutschland (24h):

Tel: ++49 69 222 25285 (Deutsch, Englisch)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

| Hazard classes and Hazard categories | Hazard Statements | Classification procedure |
|--------------------------------------|-------------------|--------------------------|
|--------------------------------------|-------------------|--------------------------|

|                   |            |
|-------------------|------------|
| Aerosol 1         | H222, H229 |
| Skin Irrit. 2     | H315       |
| Eye Irrit. 2      | H319       |
| STOT SE 3         | H336       |
| Aquatic Chronic 3 | H412       |

**Hazard Statements**

|      |                                             |
|------|---------------------------------------------|
| H222 | Extremely flammable aerosol.                |
| H229 | Pressurised container: May burst if heated. |
| H315 | Causes skin irritation.                     |
| H319 | Causes serious eye irritation.              |

|      |                                                    |
|------|----------------------------------------------------|
| H336 | May cause drowsiness or dizziness.                 |
| H412 | Harmful to aquatic life with long lasting effects. |

## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS02



GHS07

### Signal word

Danger

### Hazard Statements

|      |                                                    |
|------|----------------------------------------------------|
| H222 | Extremely flammable aerosol.                       |
| H229 | Pressurised container: May burst if heated.        |
| H315 | Causes skin irritation.                            |
| H319 | Causes serious eye irritation.                     |
| H336 | May cause drowsiness or dizziness.                 |
| H412 | Harmful to aquatic life with long lasting effects. |

### Precautionary Statements

|                    |                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------|
| P102               | Keep out of reach of children.                                                                                                   |
| P210               | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P211               | Do not spray on an open flame or other ignition source.                                                                          |
| P251               | Do not pierce or burn, even after use.                                                                                           |
| P261               | Avoid breathing dust/fume/gas/mist/vapours/spray.                                                                                |
| P264               | Wash hands thoroughly after handling.                                                                                            |
| P271               | Use only outdoors or in a well-ventilated area.                                                                                  |
| P273               | Avoid release to the environment.                                                                                                |
| P280               | Wear protective gloves/protective clothing/eye protection/face protection.                                                       |
| P302 + P352        | IF ON SKIN: Wash with plenty of soap and water.                                                                                  |
| P304 + P340        | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                                                       |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312               | Call a POISON CENTER or doctor/physician if you feel unwell.                                                                     |
| P332 + P313        | If skin irritation occurs: Get medical advice/attention.                                                                         |
| P337 + P313        | If eye irritation persists: Get medical advice/attention.                                                                        |
| P362               | Take off contaminated clothing.                                                                                                  |
| P403 + P235        | Store in a well-ventilated place. Keep cool.                                                                                     |
| P405               | Store locked up.                                                                                                                 |
| P410 + P412        | Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.                                                       |
| P501               | Dispose of contents/container to hazardous or special waste collection point.                                                    |

## 2.3. Other hazards

Product has an anesthetic effect.

### Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**SECTION 3: Composition/ information on ingredients****3.1. Substances**

not applicable

**3.2. Mixtures****Description**

Mixture of active ingredients with propellant

**Hazardous ingredients**

| CAS No     | EC No     | Name                                    | [% weight] | Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]                                       |
|------------|-----------|-----------------------------------------|------------|----------------------------------------------------------------------------------------------------------|
| 67-64-1    | 200-662-2 | acetone                                 | 25 - 49,99 | Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336                                                |
| 106-97-8   | 203-448-7 | butane                                  | 3 - 9,99   | Flam. Gas 1, H220 / Press. Gas                                                                           |
| 141-78-6   | 205-500-4 | ethyl-acetate                           | 10 - 19,99 | Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336                                                |
| 74-98-6    | 200-827-9 | propane                                 | 10 - 24,99 | Flam. Gas 1, H220 / Press. Gas                                                                           |
| 64742-49-0 | 921-024-6 | Naphtha (petroleum), hydrotreated light | 20 - 24,99 | Flam. Liq. 2, H225 / Asp. Tox. 1, H304 / Aquatic Chronic 2, H411 / Skin Irrit. 2, H315 / STOT SE 3, H336 |

**REACH**

| CAS No     | Name                                    | REACH registration number |
|------------|-----------------------------------------|---------------------------|
| 74-98-6    | propane                                 | 01-2119486944-21          |
| 64742-49-0 | Naphtha (petroleum), hydrotreated light | 01-2119475514-35          |

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove moisted clothing immediately.

**In case of inhalation**

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

**In case of skin contact**

In case of contact with skin wash off with soap and water.

Consult a doctor if skin irritation persists.

**In case of eye contact**

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

**In case of ingestion**

Do not induce vomiting.

Medical treatment.

**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No information available.



---

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam  
Dry powder  
Carbon dioxide  
water mist

#### Unsuitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

Danger of bursting  
In case of fire formation of dangerous gases possible.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

#### Additional information

Cool endangered containers with water spray jet.  
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

---

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Ensure adequate ventilation.  
Use personal protective clothing.

### 6.2. Environmental precautions

Inform pollution control authorities if product gets into the sewerage systems or open waters.  
Do not discharge into the drains/surface waters/groundwater.

### 6.3. Methods and material for containment and cleaning up

Disposal according to regulations.  
Take up with absorbent material.

#### Additional Information

Sort out leaky cans and dispose according to regulations.

### 6.4. Reference to other sections

Safe handling: see section 7  
Disposal: see section 13  
Personal protection equipment: see section 8

---

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

#### General protective measures

Avoid contact with eyes and skin  
Do not inhale gases/vapours/aerosols.

**Hygiene measures**

At work do not eat, drink, smoke or take drugs.

Wash hands before breaks and after work.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking

Do not spray on a naked flame or any incandescent material.

Pressurized container.

Do not pierce or burn even after use.

Vapours can form an explosive mixture with air.

Take precautionary measures against static discharges.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep in closed original container.

Adhere to administrative regulations relating to storage of compressed gas cylinders / containers.

**Advice on storage compatibility**

Do not store together with animal feedstuffs.

**Further information on storage conditions**

Protect from heat and direct solar radiation.

Storage temperature may not exceed 50°C (=122°F).

Store container at cool and aired place.

Recommended storage temperature: room temperature.

**7.3. Specific end use(s)****Recommendation(s) for intended use**

See section 1.2

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Ingredients with occupational exposure limits to be monitored**

| CAS No   | Name          | Code       | [mg/m3] | [ppm] | Remark    |
|----------|---------------|------------|---------|-------|-----------|
| 67-64-1  | Acetone       | 8 hours    | 1210    | 500   | EH40/2005 |
|          |               | Short-term | 3620    | 1500  |           |
| 106-97-8 | Butane        | 8 hours    | 1450    | 600   | EH40/2005 |
|          |               | Short-term | 1810    | 750   |           |
| 141-78-6 | Ethyl acetate | 8 hours    |         | 200   | EH40/2005 |
|          |               | Short-term |         | 400   |           |

**Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)**

| CAS No  | Name    | Code    | [mg/m3] | [ppm] | Remark |
|---------|---------|---------|---------|-------|--------|
| 67-64-1 | acetone | 8 hours | 1210    | 500   |        |

**DNEL-/PNEC-values****DNEL worker**

| CAS No     | Substance name                          | Value            | Code                              | Remark |
|------------|-----------------------------------------|------------------|-----------------------------------|--------|
| 141-78-6   | ethyl-acetate                           | 1468 mg/m3       | DNEL acute inhalative (systemic)  |        |
|            |                                         | 63 mg/kg         | DNEL long-term dermal (systemic)  |        |
|            |                                         | 734 mg/m3        | DNEL long-term inhalative (local) |        |
|            |                                         | 1468 mg/m3       | DNEL acute inhalative (local)     |        |
| 64742-49-0 | Naphtha (petroleum), hydrotreated light | 773 mg/kg bw/day | DNEL long-term dermal (systemic)  |        |



## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 12.04.2017

revision 03.08.2016 (GB) Version 8.5

**Adhesive Spray -extra strong****DNEL-/PNEC-values (continued)**

| CAS No  | Substance name | Value      | Code                                 | Remark |
|---------|----------------|------------|--------------------------------------|--------|
| 67-64-1 | acetone        | 2035 mg/m3 | DNEL long-term inhalative (systemic) |        |
|         |                | 2420 mg/m3 | DNEL acute inhalative (local)        |        |
|         |                | 1210 mg/m3 | DNEL long-term inhalative (systemic) |        |
|         |                | 186 mg/kg  | DNEL long-term dermal (systemic)     |        |

**DNEL Consumer**

| CAS No     | Substance name                          | Value            | Code                                 | Remark |
|------------|-----------------------------------------|------------------|--------------------------------------|--------|
| 64742-49-0 | Naphtha (petroleum), hydrotreated light | 608 mg/m3        | DNEL long-term inhalative (systemic) |        |
|            |                                         | 699 mg/kg bw/day | DNEL long-term oral (repeated)       |        |
|            |                                         | 699 mg/kg bw/day | DNEL long-term dermal (systemic)     |        |

**PNEC**

| CAS No   | Substance name | Value       | Code                        | Remark |
|----------|----------------|-------------|-----------------------------|--------|
| 141-78-6 | ethyl-acetate  | 1,15 mg/kg  | PNEC sediment, freshwater   |        |
|          |                | 0,024 mg/l  | PNEC aquatic, marine water  |        |
|          |                | 0,24 mg/l   | PNEC aquatic, freshwater    |        |
|          |                | 0,115 mg/kg | PNEC sediment, marine water |        |
| 67-64-1  | acetone        | 10,6 mg/l   | PNEC aquatic, freshwater    |        |
|          |                | 3,04 mg/kg  | PNEC sediment, marine water |        |
|          |                | 1,06 mg/l   | PNEC aquatic, marine water  |        |
|          |                | 30,4 mg/kg  | PNEC sediment, freshwater   |        |

**Additional advice**

The statutory local and national regulations have to be observed.

**8.2. Exposure controls****Respiratory protection**

In case of insufficient ventilation or long-term effect use breathing apparatus.

Short-term: filter apparatus, filter AX/P2, otherwise environment-independent breathing apparatus.

**Hand protection**

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile rubber; 0,4mm; 480min; 60min.

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

**Eye protection**

tightly fitting goggles

**Other protection measures**

protective clothing

**Appropriate engineering controls**

Sufficient ventilation and exhaustion.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance**

aerosol

**Colour**

yellowish

**Odour**

characteristic

**Odour threshold**

not determined

**Important health, safety and environmental information**

|                                                          | Value                 | Temperature | at | Method | Remark                            |
|----------------------------------------------------------|-----------------------|-------------|----|--------|-----------------------------------|
| <b>pH value</b>                                          | not determined        |             |    |        |                                   |
| <b>boiling point</b>                                     | not applicable        |             |    |        |                                   |
| <b>Melting point / Freezing point</b>                    | not determined        |             |    |        |                                   |
| <b>Flash point</b>                                       | not applicable        |             |    |        | Aerosol                           |
| <b>Vapourisation rate</b>                                | not determined        |             |    |        |                                   |
| <b>Flammable (solid)</b>                                 | not applicable        |             |    |        |                                   |
| <b>Flammability (gas)</b>                                | not determined        |             |    |        |                                   |
| <b>Ignition temperature</b>                              | 200 °C                |             |    |        |                                   |
| <b>Self ignition temperature</b>                         |                       |             |    |        | The product is not self-igniting. |
| <b>Lower explosion limit</b>                             | 0,8 Vol-%             |             |    |        |                                   |
| <b>Upper explosion limit</b>                             | 13 Vol-%              |             |    |        |                                   |
| <b>Vapour pressure</b>                                   | 8300 hPa              | 20 °C       |    |        |                                   |
| <b>Relative density</b>                                  | 0,7 g/cm <sup>3</sup> | 20 °C       |    |        |                                   |
| <b>Vapour density</b>                                    | not determined        |             |    |        |                                   |
| <b>Solubility in water</b>                               |                       |             |    |        | No or low immiscibility           |
| <b>Solubility/other</b>                                  | not determined        |             |    |        |                                   |
| <b>Partition coefficient n-octanol/water (log P O/W)</b> | not determined        |             |    |        |                                   |
| <b>Decomposition temperature</b>                         | not determined        |             |    |        |                                   |
| <b>Viscosity</b>                                         | not determined        |             |    |        |                                   |
| <b>Solvent content</b>                                   | 93 %                  |             |    |        |                                   |
| <b>Solids content</b>                                    | 7 %                   |             |    |        |                                   |

**Oxidising properties**

No information available.

**Explosive properties**

The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated .

**9.2. Other information**

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No information available.

**10.3. Possibility of hazardous reactions**

No information available.

**10.4. Conditions to avoid**

Keep away from heat.

Formation of explosive gas/air mixtures.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity/Irritation/Sensitization**

|                              | Value/Validation | Species | Method | Remark  |
|------------------------------|------------------|---------|--------|---------|
| <b>LD50 acute oral</b>       | 5800 mg/kg       | rat     |        | Acetone |
| <b>LD50 acute dermal</b>     | > 2920 mg/kg     | rabbit  |        | Naphtha |
| <b>LC50 acute inhalation</b> | > 20 mg/l (4 h)  | rat     |        | Acetone |
| <b>Skin irritation</b>       | irritant         |         |        |         |
| <b>Eye irritation</b>        | irritant         |         |        |         |
| <b>Skin sensitization</b>    | non-sensitizing  |         |        |         |

**Experiences made from practice**

Irritates mucous membranes.

Inhalation causes narcotic effect/intoxication.

**Additional information**

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.



## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

|                | Value                           | Species                         | Method | Validation |
|----------------|---------------------------------|---------------------------------|--------|------------|
| <b>Fish</b>    | LL/EL/IL50 11,4 mg/l (96 h)     | Oncorhynchus mykiss             |        | Naphtha    |
| <b>Daphnia</b> | LL/EL/IL50 3 mg/l (48 h)        | Daphnia magna                   |        | Naphtha    |
| <b>Algae</b>   | LL/EL/IL50 30 - 100 mg/l (72 h) | Pseudokirchneriella subcapitata |        | Naphtha    |

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

#### General regulation

Toxic to aquatic life, fishes and plankton.

Even in the event of low quantities penetration into the underground drinking water is contaminated.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into the ground water or aquatic environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste code No.

15 01 10\*

#### Name of waste

packaging containing residues of or contaminated by hazardous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

#### Recommendations for the product

Remove in accordance with local official regulations.

#### Recommendations for packaging

Dispose of according to the local waste regulations.

#### General information

For proper waste disposal a complete emptying of the tin is necessary.

Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

**SECTION 14: Transport information**

|                                         | ADR/RID  | IMDG     | IATA-DGR            |
|-----------------------------------------|----------|----------|---------------------|
| <b>14.1. UN number</b>                  | 1950     | 1950     | 1950                |
| <b>14.2. UN proper shipping name</b>    | AEROSOLS | AEROSOLS | Aerosols, flammable |
| <b>14.3. Transport hazard class(es)</b> | 2.1      | 2.1      | 2.1                 |
| <b>14.4. Packing group</b>              | -        | -        | -                   |
| <b>14.5. Environmental hazards</b>      | No       | No       | No                  |

**14.6. Special precautions for user**

Caution: Gases

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not applicable

**Land and inland navigation transport ADR/RID**

Hazard label(s) 2.1

tunnel restriction code D

Classification code 5F

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC standard**

VOC content 93 %

VOC value 651 g/L

**15.2. Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

For industrial use only.

**Further information**

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Danish MAL-code: 5-3

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 8.4

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.



Safety Data Sheet according to Regulation (EC)  
No. 1907/2006 (REACH)

Printed

12.04.2017

revision

03.08.2016 (GB) Version 8.5

**Adhesive Spray -extra strong**

---

|      |                                                  |
|------|--------------------------------------------------|
| H336 | May cause drowsiness or dizziness.               |
| H411 | Toxic to aquatic life with long lasting effects. |